

Converting Colors

CIELCh(62, 44.909, 281.268)

Have a look what the booklet for
CIELCh(62, 44.909, 281.268)
contains.

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Color

CIELCh(62, 44.956, 281.324)

Conversions

Conversions Part 1

Format	Color
Hex	6F95E4
RGB	111, 149, 228
RGB Percent	44%, 58%, 89%
CMY	0.5654, 0.4163, 0.1066
CMYK	0.51, 0.35, 0.00, 0.11
HSL	221°, 68%, 66%
HSV	221°, 51%, 89%
XYZ	31.2331, 30.4025, 77.4905
YIQ	146.6440, -48.0070, 16.5130

Conversions

Conversions Part 2

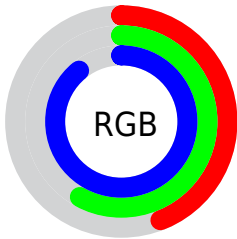
Format	Color
R _Y B	111, 140, 228
Decimal	7312868
CIE Lab	62.00, 8.83, -44.08
CIE LCh	62, 44.956, 281.324
Yxy	30.4025, 0.2245, 0.2185
Android (android.graphics.Color)	4285502948 (0xFF6F95E4)
YUV	146.6440, 40.1085, -31.2598
Hunter-Lab	55.1385, 4.6187, -44.7280

Details

The CIELCh color **62, 44.956, 281.324** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **79, 44.841, 84.963**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.250, 270.901**, and **42, 44.753, 281.013** is the 20% darker color. If you saturate the color by 10%, you get **57, 54.282, 284.191**, and if you desaturate by 10%, it is **67, 35.854, 278.834**.

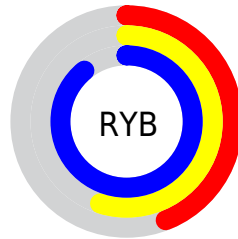
Distribution



Red (44%)

Green (58%)

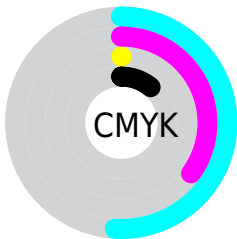
Blue (89%)



Red (44%)

Yellow (55%)

Blue (89%)

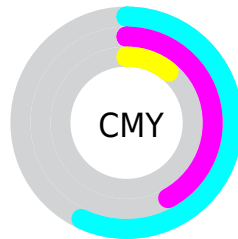


Cyan (51%)

Magenta (35%)

Yellow (0%)

Black (11%)



Cyan (57%)

Magenta (42%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 44.956, 281.324 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 62, 44.956, 281.324 by changing the saturation by 10% instead.

■ 62, 44.956,
281.324

■ 62, 44.956,
281.324

■ 100, 44.956,
281.324

■ 52, 44.956,
281.324

■ 82, 44.956,
281.324

■ 42, 44.956,
281.324

■ 92, 44.956,
281.324

■ 32, 44.956,
281.324

■ 22, 44.956,
281.324

■ 12, 44.956,
281.324

■ 2, 44.956, 281.324

■ 0, 44.956, 281.324

62, 44.956,
281.324

62, 44.956,
281.324

57, 54.282,
284.191

67, 35.854,
278.834

51, 63.872,
287.419

73, 26.941,
276.697

47, 73.727,
290.929

79, 18.193,
274.873

42, 83.742,
294.556

84, 9.596, 273.323

90, 1.144, 272.183

39, 92.316,
297.549

95, 7.165, 90.766

99, 13.753,
109.138

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62, 44.956, 281.324



79, 44.841, 84.963

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 44.956, 281.324



62, 44.956, 331.324



62, 44.956, 101.324



62, 44.956, 151.324

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62, 44.955, 281.325



91, 13.931, 273.872



83, 43.257, 168.014



47, 9.521, 274.199



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62, 44.955, 281.325



63, 60.172, 284.508



54, 67.461, 302.038



45, 4.822, 273.058



30, 75.646, 296.973



6, 25.726, 288.157

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62, 49.326, 1.184



63, 64.330, 3.811



87, 58.997, 113.082



45, 5.262, 355.095



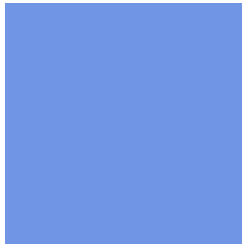
38, 66.309, 18.673



7, 26.690, 7.073

Previews

White Background



This preview shows how the CIELCh color 62, 44.956, 281.324 looks on a white background.

Color Contrast Check

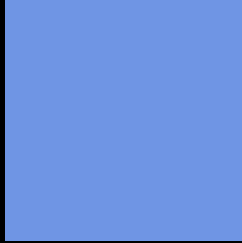
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 44.956, 281.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

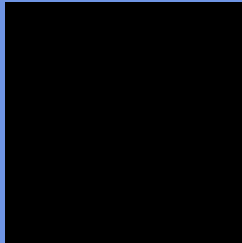
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

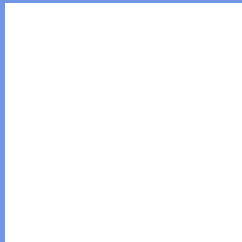
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 44.956, 281.324

Background



This preview shows how black text looks on a background with the CIELCh color 62, 44.956, 281.324.

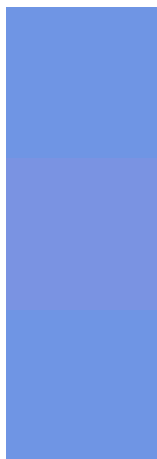


This preview shows how white text looks on a background with the CIELCh color 62, 44.956, 281.324.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62, 44.956, 281.324

Protanopia

62, 44.537, 285.579

Deuteranopia

62, 44.956, 281.324



Tritanopia
62, 22.238, 217.034

Trichromacy



Original Color
62, 44.956, 281.324

Protanomaly
62, 44.668, 283.883

Deuteranomaly
62, 44.956, 281.324

Tritanomaly
62, 26.273, 251.223

Monochromacy



Original Color
62, 44.956, 281.324

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 16.899, 275.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 44.956, 281.324 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(111, 149, 228)` looks like.

```
.text, #text, p{  
    color:rgb(111, 149, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(111, 149, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 149, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 44.956, 281.324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 149, 228) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(111, 149, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(111, 149, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 149, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 149, 228);  
box-shadow:4px 4px 4px 4px rgb(111, 149,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 44.956, 281.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 149, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(111,  
149, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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